

**Listing of the Claims:**

*This listing of claims will replace all prior versions, and listings of claims in the application:*

1. (Previously Presented) A multilayer polymeric structure comprising:  
a foamed core comprising a polymer having cells filled with a gas; and  
a first polymeric skin layer coextruded with and joined to a surface of the foamed core;  
wherein the first polymeric skin layer comprises a bonding polymer that facilitates bonding of the multilayer polymeric structure to other materials.
2. (Withdrawn) The structure of Claim 1 having a cylindrical shape.
3. (Original) The structure of Claim 1 having a flat shape.
4. (Withdrawn) The structure of Claim 1 comprising a second polymeric skin layer coextruded with the foamed core and the first polymeric skin layer, the second polymeric skin layer being joined to another surface of the foamed core that is positioned opposite the surface that is joined to the first polymeric skin layer.
5. (Withdrawn) The structure of Claim 4 wherein the second polymeric skin layer comprises a bonding polymer that facilitates bonding of the multilayer polymeric structure to other materials.
6. (Withdrawn) The structure of Claim 4 wherein the first polymeric skin layer and the second polymeric skin layer have the same composition.
7. (Previously Presented) The structure of Claim 4 wherein the first polymeric skin layer and the second polymeric skin layer have a different composition.
- 8-9. (Canceled)
10. (Previously Presented) The structure of Claim 1, wherein the foamed core includes polypropylene.

11. (Withdrawn) The structure of Claim 1, wherein the foamed core includes polystyrene.
12. (Previously Presented) The structure of Claim 1, wherein at least one of the first polymeric skin layer includes an additive.
13. (Previously Presented) The structure of Claim 1 wherein the first polymeric skin layer includes an additive selected from the group consisting of an organic additive, an inorganic additive, a granular additive, a powdered additive, a crystalline additive and a fibrous additive.
14. (Previously Presented) The structure of Claim 12 wherein the foamed core includes polypropylene.
15. (Previously Presented) The structure of Claim 13 wherein the foamed core includes polypropylene.
16. (Withdrawn) The structure of Claim 12 wherein the foamed core includes polystyrene.
17. (Withdrawn) The structure of Claim 13 wherein the foamed core includes polystyrene.
18. (Previously Presented) The structure of Claim 1, wherein the first polymeric skin layer is solid.
- 19-94. (Canceled)
95. (Previously Presented) The structure of Claim 1 wherein the first polymeric skin layer includes ethylene-vinyl acetate.
96. (Withdrawn) The structure of Claim 1 wherein the first polymeric skin layer includes maleic anhydride modified polypropylene.
97. (Previously Presented) A coextruded foamed material comprising  
a foamed core; and

a layer of polymeric bonding material coextruded with and coupled to one surface of the foamed core, the polymeric bonding material being configured to facilitate bonding of the coextruded foamed material to other materials.

98. (Previously Presented) The coextruded foamed material of claim 97 comprising a polymeric skin layer coextruded with the foamed core and the layer of polymeric bonding material, the polymeric skin layer being coupled to another surface of the foamed core

99. (Previously Presented) The coextruded foamed material of claim 98 wherein the another surface of the foamed core is on an opposing side of the foamed core from the one surface.

100. (Previously Presented) The coextruded foamed material of claim 98 wherein the polymeric skin layer comprises a polymeric bonding material that is configured to facilitate bonding of the coextruded foamed material to other materials.

101. (Previously Presented) The coextruded foamed material of claim 98 wherein the layer of polymeric bonding material and the polymeric skin layer have the same composition.

102. (Previously Presented) The coextruded foamed material of claim 98 wherein the layer of polymeric bonding material and the polymeric skin layer have different compositions.

103. (Previously Presented) The coextruded foamed material of claim 97 wherein the layer of polymeric bonding material includes ethylene-vinyl acetate.

104. (Withdrawn) The coextruded foamed material of claim 97 wherein the layer of polymeric bonding material includes maleic anhydride modified polypropylene.